

Abstract of the Disclosure

[0058] A method for the hyperthermia treatment of tissue in a target site applies a heat source to kill cells without protein denaturization. The method introduces an encapsulated dye that is released at a selected temperature in the target site to indicate that a threshold temperature has been reached to hyperthermally treat the tissue. In one embodiment, the composition releases the dye at a temperature of 42°C to 50°C, and preferably about 45°C to 49°C. The composition which can be a liposome composition encapsulating the dye can be introduced to the bloodstream of the patient to flow through the target site.

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